



## Framed Heart

by Clara Venter

Gemology Online Faceting Design Competition 2014

Maximize Entry 1

Angles for R.I. = 1.580

70 + 16 girdles = 86 facets

1-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.520 U/W = 0.507

P/W = 0.492 C/W = 0.198

Vol./W<sup>3</sup> = 0.255

### PAVILION

P1	43.00°	06-18-30-42-54-66-78-90	Cut to centerpoint.
P2	43.21°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Meet at culet.
G1	90.00°	96-12-24-36-48-60-72-84	Set stone size.
G2	90.00°	06-18-30-42-54-66-78-90	Level girdle.
P3	46.00°	96-12-24-36-48-60-72-84	Level girdle.

### CROWN

C1	44.00°	96	Set girdle width.
C2	37.78°	06-90	Level girdle.
C3	42.00°	12-24-36-48-60-72-84	Level girdle.
C4	40.00°	18-30-42-54-66-78	Level girdle.
C5	36.00°	09-15-45-51-81-87	Meet G1, G2, C2, C3; G1, G2, C3, C4
C6	27.00°	12-84	Meet C3, C5
C7	29.00°	46-50	Meet C3, C5
C8	27.26°	48	Meet C3, C5, C7
C9	24.00°	42-54	Meet C3, C5, C7
C10	25.71°	39-57	Meet C3, C5, C7, C9
C11	22.00°	30-66	Meet C3, C4, C10
C12	24.00°	24-72	Meet C3, C4, C11
C13	25.15°	12-84	Meet C1, C2; C3, C5, C6, C12
T	0.00°	Table	Meet C1, C2, C13; C7, C8, C9